

Takahashi, H.  
ELECTRIC RESISTANCE OF CARBON POWDERS  
PT III. CONSIDERATIONS, BY MODELS, OF THE  
ELECTRICAL RESISTANCE OF FREELY HEAPED  
CARBON POWDERS AND A REPORT ON SOME EX-  
PERIMENTAL RESULTS. 9p 3refs.  
Order from SLA \$1.10

TT-64-16912

Trans. of [Nihon Kagaku Zasshi] (Japan) 1950, v. 71  
[no. 2] p. 108-111.

(Physics--Solid State, TT, v. 12, no. 5)

TT-64-16912

I. Takahashi, H.  
II. Title: Considerations ...

Office of Technical Services

Separation of Ions Using the Difference in  
Adsorbability Due to Electric Charge, by  
Masatake Honda, 3 pp, UNCL.

JAPANESE, per, Nihon Kagaku Zasshi, Pure  
Chemical Section, Vol LXXI, 1950, pp 118-120.

ATIC F-TS-9976/I

Sci - Chem

Jul 59

91,192

Qualitative Spectrographic Analysis of Flue D~~usts~~,  
Mainly Produced in Japan. III. Indium, by H.  
Kakihana, 8 pp.

JAPANESE, per, J Chem Soc Japan, Vol LXXI, No 2, pp  
145-148, 1950

SLA 57-2573

Sci - Chem  
Aug 58

70,349

Reaction of Methyl Radicals With Methanol, by  
S. Modena, Y. Takezaki, J. Yoshida.

Full translation.

JAPANESE, ~~Chemical Abstracts~~, Vol. 44, No. 10, 1950, p. 173-177.  
Vol LXI, No 3, 1950, pp 173-177.

ABC Tr 1557  
and also D.S.I. T 27 J

Scientific - Chemistry

CIA 1413081

May 09 CIA

2094

Kunitomi, M.  
PREPARATION OF METALLIC CALCIUM. Pt. 7 [of]  
a Fundamental Study of Fused Salts. [1963] 7p. 8 refs.  
Order from SLA \$1.10 63-16029

Trans. of [Nihon Kagaku Zasshi] (Japan) 1950, v. 71,  
p. 212-214.

DESCRIPTORS: \*Calcium, Fused materials, Elec-  
trolysis, Laboratory furnaces, Temperature.

63-16029

I. Kunitomi, M.  
II. Title: Fundamental...

(Metallurgy--Light Metals, TT, v. 10, no. 7)

Office of Technical Services

Vapor Pressures of Molecular Crystals (Eighth Report). Vapor Pressures of Aromatic Nitro Compounds, by Isamu Hotta, Syuzo Saki, Masanori Momotani, Kentaro Sato, 13 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXI, 1950,  
pp 378-382.

ADC 3425

Sci - Phys

Dec 58

78,255

Kojima, H.  
ISOMERISATION DE L' d-PINENE PAR LES SIELS  
D'AMMONIUM- L'ARGILLE ACIDE JAPONAISE  
(Isomerization of d-Pinene by Treatment with  
Ammonium Japanese Acid Clay). 6p 4 refs  
Order from OTE, ETC or CNRS \$0.80 62-26909

Trans. [in French] of Nihon Kagaku Zasshi (Japan) 1930,  
v. 71, no. 6/7, p. 397-401.

DESCRIPTORS: "Terpenes," Molecular isomerism,  
Heat, Ammonium radicals.

(Chemistry--Organic, TT, v. 10, no. 10)

62-26909

1. Title: Pinene
1. Kojima, H.
1. Centre National de la  
Recherche Scientifique

Office of Technical Services

Study of Methods of Volumetric Analysis With  
Chromous Salt, Rpt No 1, by Yuo Muraki, 5 pp,  
(ID 1257544). UNCLASSIFIED

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXI,  
1950, pp 407-409.

G-2, GSUSA G-2077

Scientific - Chemistry

Aug 54 CIS

17,049

The Rate of Absorption of Hydrogen by Metallic Calcium, by Yoshio Kawana, 6 pp.

JAPANESE, per, Nihon Kagaku Zasshi, (J Chem Soc Japan, Pure Chem Sect), Vol LXXI, 1950, pp 494-495.

Assoc Tech Sv Tr 45E2J

Scientific - Chemistry  
CTS/DEX

10, 05-9

Synthesis of Hydroxyamino Acids and Their  
N-Methyl Derivatives Reaction of  $\alpha$ -Bromo- - Methoxyl  
with Toluene Sulfonamide, by Nobuo Izumiya.  
JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXI,  
No 11, 1950, pp 556-557.  
SLA TT 64-20078

Apr 67

322,270

A Study on the Analytical Chemistry of by Ion  
Exchange Resin, by Satokichi Yoshino, 9pp  
JAPANESE, per, Nihon Kagaku Zasshi, Vol 71, 1950,  
No 11, pp 577-579  
SIA TT-65-10079

Sci - Chem  
June 67

328,886

Studies of Non-Metallic Compounds of Zirconium  
and Hafnium, (Differences in the Affinity of  
Zirconium and Hafnium Tward Non-Metallic  
Elements), by Shizui Fujiwara

JAPANESE, per, J Chem Soc Japan, Pure Chem  
Sect, Vol LXXI, 1950, pp 580-584.

AEC Tr 2649

Sci - Chemistry  
Nov 56 CTS

44, 594

Investigation of the Calcium and Hydrogen System,  
III. A Theoretical Consideration of the Mechanism  
Involved in the Growth of Nuclei Consisting of  
Calcium Hydride or Deuteride, by Izumi Higuchi,  
Yoshi Kawana, 6 pp.

JAPANESE, per, Nihon Kagaku Zasshi (J Chem Soc Japan,  
Pure Chem Sect), Vol LXII, 1930, pp 624-627.

Assoc Tech Sv Tr 46EJ2

10,057

Scientific - Chemistry  
CTS/DKX

The Structure and Magnetic Susceptibility of  
Cyanuric and Cyameluric Acids, by Juro Maruha,  
10 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXI,  
1950, pp 627-629.

S.L.A. Tr No 392/1955

415, 791

Sci - Chemistry  
Jan 1957 CMS/dex

A New Method of Colorimetric Determination of the  
Cyanide Ion with Sodium Phenylboronate, by  
H. H. Hwang and T. S. Chang  
JOURNAL OF POLYMER SCIENCE: PART A-1  
VOL. 13, NO. 1, JANUARY 1975  
pp. 47-50.

REAG/ANAL C 100%

Chemical - Synthetic  
Reagents

200 gm

Tsuruta, Shiro  
ON THE COMPOSITION LINE. Rept. no. 1 of Studies  
on Aniline-Formaldehyde Resins. [Paper read at the  
Annual Conference of the Chemical Society of Japan  
(no. 65) Apr. 43]. [1941] 8p. (refs. omitted).  
Order from K.A.m\$1.80, ph\$1.80

Trans. of Nihon Kagaku Zasshi (Japan) 1951, v. 72,  
no. 1, p. 109-113.

DESCRIPTORS: \*Aniline-formaldehyde resins, Chemical  
analysis, Condensation reactions, Polymerization

Aniline-formaldehyde resins were synthesized and  
analyses were made of their carbon, hydrogen, and  
nitrogen content. A curve of the composition line  
of percent aldehyde ( $\text{CH}_2\text{O}$ ) versus the aniline/formal-  
dehyde ratio showed the mechanism of resin formation  
to be based on addition-condensation reactions as de-  
picted by  $\text{C}_6\text{H}_5\text{NH}_2 + \text{CH}_2\text{O} \rightarrow \text{C}_6\text{H}_5\text{NHCH}_2\text{OH}$  and  
 $\text{C}_6\text{H}_5\text{NHCH}_2\text{OH} + x\text{C}_6\text{H}_5\text{NH}_2 + \text{CH}_2\text{O} \rightarrow \text{C}_6\text{H}_5\text{NH}_2$   
(Materials--Plastics, T.T., v. 6, no. 4) (over)

61-10004

I. Tsuruta, S.  
II. Title: Studies ...  
III. Title: Annual...

177019

Office of Technical Services

Tsuruta, Saito  
ON THE METHYLOL RADICALS AND RING STRUCTURE OF THE RESIN. Rept. no. 2 of Studies on Aniline-Formaldehyde Resins. [Paper] read at the Annual Conference of the Chemical Society of Japan (no. 65) Apr. 43, [1961] [8]p. 10 refs.  
Order from SLA in \$1.30, ph\$1.80

61-10606

Trans. of Nihon Kagaku Zasshi (Japan) 1951, v. 72, no. 1, p. 194-197.

DESCRIPTORS: \*Aniline-formaldehyde resins. Molecular structure. Polymerization. Condensation reactions.

The oxygen component of aniline-formaldehyde resins was calculated. Resins formed with an excess of formaldehyde showed greater oxygen content and indicated the formation of a methylole compound according to the reactions (1)  $C_6H_5NH_2 + CH_2O \rightarrow C_6H_5NHCH_2OH$  and (2)  $C_6H_5NHCH_2OH + xC_6H_5NH_2 \rightarrow C_6H_5NH$  (Materials--Plastics, TT, v. 6, no. 4) (over)

61-10606

I. Tsuruta, S.  
II. Title: Studies...  
III. Title: Annual...

177020

Office of Technical Services

Aerobic Decomposition of Cysteine by Escherichia  
Coli, Reports I and II, by Nobuo Tamiya, 21 PL.

Full translation.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXVII,  
No 1, Jan 1951, pp 118-124.

CIA/FED/K-1052

Scientific Medicine Aug 53 CTX/DEK

44355

Reagents for the Identification of Organic Acids.  
(Colored Derivatives of Carboxylic Acid), by  
Kobayashi Sigitama, Rokuro Harada, Tadatsune Nita,  
Tadashi Ueno, 9 pp.

Full translation.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXII,  
No 1, Jan 1951, pp 152-154.

CIA/FDD/X-1050

Scientific -Medicine Aug 53 CMS/DEX 4653

Studies in Inorganic Paper Chromatography. IV.  
Verification of Separation of Salts of Metals  
of the Copper Family, With Application to  
Systematic Qualitative Analysis, by Shiro  
Harazawa, 6 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXII,  
1951, pp 236-239.

ABC UCRL-Trans -543(L)

Sci - Chem  
26 Oct 60

130,880

Depression of Freezing Point of Benzene in the  
Sorbed State, by Iwakami Yoshimoto, 7 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXII,  
No 2, 1951, pp 259-262.

Def Sci Info Sv  
DSB, T 41. J

Scientific - Chemistry Jan 55 CTS/DEX

20,860

Solution Methods for Spectrographic Analysis.  
Report No 1 - Spectroanalytical Determination of  
Arsenic in Minute Solutions, by Hiroshi Murata,  
Takeo Watase, 8 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXII, No 2,  
Feb 1951, pp 271-273.

NIH

Scientific - Chemistry

8654

Jan 54 CTS

Studies in Inorganic Paper Chromatography. VII.  
Separation of ~~the~~ Salts of Tin and Antimony, and  
Analysis of Metals of the Tin Group in the State of  
Higher Valence, by Shiro Harazawa, 6 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXII,  
1951, pp 423-426.

AEC UCRL-Trans-544(L)

Sci - Chem  
26 Oct 50

130,874

A Research on the Vinyl Chloride Photopolymerization Reaction, by M. Koizumi, K. Nakatsuka.

Full translation.

JAPANESE, per, Journal of Chemical Society, Vol LXVII,  
No 5, Japan, May 1951, pp 431-434.

Def Sci Info Sv  
DRB Canada, T.33.J.

Scientific - Chemistry

Jun 53 CTS

2688

XXII On the State of Adsorbed Molecules, by  
Miyahara Yutaka.

JAPANESE, per, Journal Chem Soc, Vol LXXXI, 1951,  
pp 455-466.

TPA3/TIB T-4287

Scientific - Chemistry

Aug 54 CTS

16,399

A Study on the Light Chlorination of Toluene,  
by Miyazaki Shozo, 8 p.

JAPANESE, per, Nihon Kagaku Zasshi, 1951,  
Vol LXXII, No 5, pp 459-462.

BLA 59-17009

Sci  
Dec 59  
Vol 2, No 5

104,123

A Research on the Toluene Photo-Chlorination Reaction,  
by S. Miyazaki, 6 pp. UNCLASSIFIED

Full translation.

JAPANESE, per, Mihon Kagaku Zasshi, Vol LXXII, No 7,  
Japan, Jul 1951, pp 681-684.

Def Sci. Info Sev, DRB Canada  
T 32 J

and AEC Tr 1565

FE - Japan

Scientific - Chemistry

CIA 1401035

2175

An Attempt to Increase the Sensitivity of Qualitative Analysis by Nuclear Magnetic Resonance Absorption, by S. Fujiwara, S. Hayashi, 2 pp.

JAPANESE, Chem soc Japan, Vol LXXII, 1951,  
pp 764,765.

Asso Tech Ser 27H10J

Jul 58

69, 908

Adsorption Phenomena at Extremely Low Pressures, by  
Hirose Utsuki, 9 pp UNCLASSIFIED

JAPANESE, no per., J. Chem of Japan, Vol LXXII, No 9,  
1951, pp 812-815.

CIA H  
Def Sci Info Ser  
T 38 J

CIA 2305107

10,994

Scientific - Chemistry

A Research on the Quantitative Determination of Metals  
by the Extraction Method, by K. Sudo, 10 pp.

<sup>PER</sup>  
JAPANESE, ~~Journal~~, Nihon Kagaku Zasshi, Vol LXXII,  
No 9, Sep 1951, pp 817-820.

S.L.A. Tr 697/1955

Sci - Chemistry  
Apr 1957 CPS/dex

570, 303

The Reaction of Methyl Radicals With Dimethyl Ether,  
by S. Kodama, Y. Takezaki, R. Fujie, 11 pp.

FULL translation.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXII, No 10,  
Japan, Oct 1951, pp 692-697.

Def Sci Info Serv,  
DRD Canada, T 28 J  
~~and AEC T-1554~~

FE - Japan

Scientific - Chemistry, ether, radicals

CIA 1402353

2176

A New Type of Thermobalance and Its Applications.  
I. Test-Construction of a New Type of Thermo-  
balance, by Kisei Kinzyo, Shigero Iwata, 14 pp.

JAPANESE, par, Nippon Kagaku Zaishi, Vol LXXXII,  
No 11, 1951, pp 958-962. 646540

Picatinny Arsenal 32  
OTIA 2918

Sci - ~~EDM~~ Engr

Jul 59

90,935

A Study on the Light Chlorination of Toluene,  
by Miyazaki Shozo, 10 p.

JAPANESE, per, Nihon Kagaku Zasshi, 1951,  
Vol ~~1951~~, No 12, pp 1067-1070.  
*LXXVII*

SLA 59-17005

Sci  
Dec 59  
Vol 2, No 6

104, 124

The Reaction of Methyl Radicals With Formaldehyde,  
by S. Kodama, Y. Takezaki, 14 pp.

Full translation.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXIII, No 1,,  
Japan, Jan 1952, pp 13-18.

Def Sci Info Sev  
DRB Canada, T 29 J  
and AEC Tr 1556

PE - Japan

Scientific - Chemistry, radicals, formaldehyde

CIA 1402352

2177

Inorganic Paper Chromatography. XIII. Detection  
and Separation of Titanium, Zirconium, Iron and  
Chromium Salts and Their Application to Systematic  
Analysis, by S. Harasawa, 8 pp.

JAPANESE, per Nippon Kagaku Zasshi, Vol LXXIII, No 1,  
1952, pp 59-63.

150 515  
850 Tech Serv  
35L29J

Sci - Chem  
OMS I, 9  
Jun 59

89,515

Chemical and Thermodynamic Studies on Silver  
Azide and Thallium Azide, by Shin Suzuki, 9 pp.

JAPANESE, no per, Nihon Kagaku Zasshi, Vol  
LXXXI, 1954, pp 150-152.

2  
AEC Tr-2544

38,379

FE  
Sci - Chemistry

8m

Studies on the Structure of Organic Polysulfides.  
(I)-(II). Ultraviolet Absorption Spectra of Di-  
benzyl Mono-, di-, tri-, and Tetrasulfides, Ultra-  
violet Absorption Spectra of Diphenyl mono-, di-, tri-,  
and Tetrasulfides, by Yuji Minoura, 15 pp.

JAPANESE, per, Chem Soc of Japan, pure chem section,  
Vol XXI LXIII, Mar 1952, pp 131-134, 244-245.

SLA 'Dr 1497/56

45, 247

Sci - Chem  
Mar 57 CTS

A Study on the Light Chlorination Reaction of  
Toluene, by Miyazaki Shozo, 10 p.

JAPANESE, per, Nihon Kagaku Kaishi, 1952,  
Vol. LXXIII, No 4, pp 223-225.

SLA 59-15989

Sci  
Dec 59  
Vol. 2, No 6

104,125

J. ALKALI Reactions in Monomolecular Layers of  
Unsaturated Fatty Acids, by Keiichi Eda. UNCLASSIFIED

JAPANESE, pgs., Nippon Kagaku Zasshi, Vol 101(1978), No 12, pp 240-250. Ref ID: A1

Heavy Metal Oxide U.S.

Eda - Chemistry  
Page 60

144 T, C 2.9

Research on Polarography in Analytical Chemistry.  
Determination of Sulfur Content in Sulfurous Iron  
Ores and in These Ores after Roasting, by Iahibashi,  
Fujinaga, Ichikawa

Full translation.

JAPANESE, J. Chem Soc Japan, Vol LXXXIII, No 4,  
1952, pp 253-257.

Def Sci Info Sv  
DRB Canada, T.34.5.

Scientific - Chlmistry Jul 53 CRS/DLK

44-507

(FDD 19479)

Internal Electrolytic Analysis in Which an Oxidation Reduction Electrode of the Solution Type Is Employed as an Anode, by Ishiraru Saburo, Mizoguchi Shuichiro,  
5 pp.

Full translation.

JAPANESE, no per Nihon Kagaku Zasshi, Vol LXXIII,  
No 4, prob Tokyo, Apr 1952, pp 267-270.

S.L.A. 571 CIA/FDD/U-5196

8834

FE - Japan  
Sci - Chemistry, electrolytic analysis

Chemical and Thermodynamic Studies on Mercouous  
Azide and Lead Azide, by Shin Suzuki, 6 pp.

JAPANESE, per, Nihon Kagaku Zasshi, (J. Chem. Soc.  
Japan, Pure Chem. Sect.) Vol XXIII, 1952, pp 278-  
279.

AEC Tr 2541

Sci - Chemistry  
Aug 1956 CPS/dex

37,489

The Biochemical Formation of Monosaccharides; Rpt I,  
The Biochemical Formation of Tetrose and Hexose,  
by Kihachiro Uehara, 18 pp.

JAPANESE, per, Nihon Kagaku Zasshi (Journal of the  
Chemical Society of Japan), Vol LXKIII, No 5, May  
1952, pp 311-315.

NYH

9436

Scientific - Chemistry  
CTS/DEK

Dissolution of Barium Sulphate by Means of Ion Exchange Resins, by M. Honda, et al.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 75,  
No 5, 1952, pp 348-349.

\*AEC LB/G/2542

NLL Ref: 5828.4F (12596)

Sci/Physics  
ear 67

On Some Derivatives of Salicylaldehyde, by  
Masaru Yamaguchi, 6 p.

JAPANESE, part, Nihon Kagaku Zasshi, 1952,  
Vol LXXXII, pp 393-394.

SLA 50-17869

Sci  
Feb 60  
Vol 2, No 10

108 830

The Biochemical Formation of Monosaccharides;  
Report No 2: Biochemical Formation of Pentose,  
by Kibochiro Uehara, 14 pp.

JAPANESE, per, Nihon Kagaku Zasshi, VolXXIII,  
No 6, Jun 1950, pp 411-413.

NIH  
Chemistry  
Scientific - Medicine  
Collection

5525

Fujitani, Yoshiyuki. CONDENSATION OF AMMONIUM CHLORIDE SMOKE BY AGING. I [1961] 11p. (11 figs. omitted) 8 refs. Order from SLA 91-60	62-10751  I. Fujitani, Y.
Trans. of [Nihon Kagaku Zasshi] (Japan) 1952, v. 73, p. 418-423.	
DESCRIPTORS: *Aerosols, *Condensation, Particles, Sedimentation, Distribution, Mass number, Smokes, *Ammonium radicals, *Chlorides, Aging, *Smoke	
The changes of the distribution of component particles and the particle and weight concentrations by aging were simultaneously determined. From the results thus obtained the condensation process between parti- cles of multiple-dispersed system was considered. The NH <sub>4</sub> Cl smoke used in the experiment was found to be composed of the primary, secondary, tertiary, and (Chemistry, '61, v. 7, no. 11) (ovir)	

Fujitani, Yoshiyasu.

SIZE OF PARTICLES FORMING THE SEDIMENTATION BOUNDARY SURFACE, II. [1961] 9p. (3 figs.  
3 tables omitted) 2 refs.

Order from SLA \$1.10

62-10752

Trans. of [Nihon Kagaku Zasshi] (Japan) 1952, v. 73,  
p. 423-426.

DESCRIPTORS: \*Aerosols, Particles, Sedimentation,  
"Smokes, \*Ammonium radicals, \*Chlorides, Aging,  
Distribution.

(Chemistry--Physical, TT, v. 8, no. 6)

62-10752

I. Fujitani, Y.

Office of Technical Services

The Reaction of Methyl Radicals With Ethanol, by  
S. Kodama, Y. Takezaki, T. Yamamoto, 8 pp.

Full translation.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXIII, No 6,  
Japan, Jun 1952, pp 440-443.

FE - Japan

Def Sci Info Sev,  
DRB Canada, T 30 J  
and AEC Tr 1555

Scientific - Chemistry, radicals, ethanol

CIA 1402351

2178

Ion-Exchange Resins Used in Analytical Chemistry  
(12th Report). Determination of Dispersiton Power  
by a High-Frequency Method, by Masataka Endo, S. Ito.

JAPANESE, per, Nihon Kagaku Zasshi, (J. Chem. Soc.  
Japan, Pure Chem Sect.), Vol LXIII, 1950, p 509

AT&T 22-2600

Sci. & Chemistry  
Aug 1956 GMS

37-1482-2

Kuratani, Kenchi. ANALYSIS OF SILICONE RESINS BY INFRARED ABSORPTION. [1963] 8p. 5 refs. Order from SLA \$1.10  Trans. of [Nihon Kagaku Zasshi] (Japan) 1952, v. 73, p. 576-578.  DESCRIPTORS: *Silicone plastics, *Infrared spectroscopy, Quantitative analysis, Phenyl radicals, Methyl radicals, Absorption spectrum.  From two analytical examples, it is verified that group type analysis by the infrared absorption method is very useful for determining the composition of copolymers. (Author)  (Chemistry--Analytical, TT, v. 10, no. 5)	63-16566 I. Kuratani, K.  Office of Technical Services
--	---

Research into the Properties of Aerosols:  
Adhesion of Minute Particles to Glass  
Surfaces, by Fujitani Yoshiyasu.

JAPANESE, per, J. Chem Soc Japan, Vol  
LIXIII, No 8, 1952, pp 578-580.

314 63-11153  
TPA3/TIB T 4517

Sci - Chemistry

314 63-11153  
TPA3/TIB T 4517

Biochemical Formation of Monosaccharides; Rpt 3  
Decarboxylation of Dihydroxymaleic Acid, by  
Kibat~~E~~ro Uehara, 10 pp.

JAPANESE, per, Nihon Kagaku Zasshi (Journal  
of the Chemical Society of Japan), Vol LXXIII,  
No 10, Oct 1952, pp 716-718.

MIH

Scientific - Chemistry  
CTS/DEK

4437

New Colorimetric Methods Using Thiocyanates. (First  
and Second Reports), by S. Utsunomi, 25 pp.

JAPANESIE, per, J Chem Soc Japan, Pure Chem Sect,  
Vol LXXXII, 1952, pp 835-841.

SLA 58-582

Sci

Aug 59

95,087

New Colorimetric Determination Method Using Thio-cyanates, by S. Utsugi, 11 pp.

(Third Report) 21. 7. 1952  
JAPANESE, per, J Chem Soc Japan, Pure Chem Sect, Vol  
LXXXI, 1952, pp 589-591.

SLA 58-580

Sci

Aug 59

95, 088

On the Components of Seaweed. On the Quantity of  
Riboflavin in Seaweeds, by ~~TERUYUKI TSUJIMURA~~ Michiyo  
Tsujimura, Kikuko Tabai, Tsuru Wada, 10 pp.

Full translation.

JAPANESE, per, Nippon Kagaku Kaishi, Vol XXVI, No 1,  
1952, pp 11-13.

S.L.A.

Scientific - Biological

27,216

INC 65

The Decomposition of Bicarbonates. Part 2. Rate  
of Thermal Decomposition of Solid Sodium Bicarbonate  
by R. Tsuchiya.

JAPANESE, per J. Chem Soc Japan, Pure Chem, Sect 7<sup>th</sup>,  
No 1, 1953, pp 16-18.

ATB JJ-1682

Sci - Chem

Jul 59

90,855

Nita, Tadashi.

NEW VOLUMETRIC ANALYSIS OF HYDROXYLAMINE BY USING LOW VALENT VANADIUM AND MOLYBDENUM. II. THE ANALYTICAL METHOD BY USING TRIVALENT MOLYBDENUM. June 60 [11]p. 3 refs. Microfilm Arsenal Trans. 87. Order from OTS or SLA \$1.60 60-17431

Trans. of [Nihon Kagaku Zasshi] (Japan) 1953, v. 74, no. 1, p. 2b-31.

DESCRIPTORS: \*Amines, \*Hydroxides, Volumetric analysis, \*Vanadium, \*Molybdenum, Chemical reactions.

The solution of hexavalent molybdenum was introduced in the reduction apparatus, and the solution was maintained at 0.5 to 1.0N acidic solution with sulfuric acid. The air was replaced with carbon dioxide, and hexa-(Chemistry--Analytical, IT, v. 9, no. 1) (over)

60-17431

I. Nita, T.  
II. PA Trans-87  
III. Joint Publications Research Service, New York

10-10-62  
Office of Technical Services

A New Method for the Colorimetric Determination of  
Iodides and Cyanates Using Mercuric Thiocyanate  
and Iron Alum, by S. Utsumi, 26 pp.

*Original Source*  
JAPANESE, per, J Chem Soc Japan, Pure Chem Sect,  
Vol LXXIV, 1953, pp 32-36.

SLA 58-518

Sci

Aug 59

95,090

(FDD 20260)

Reduction Determination and Differential Titration of Uranium by Means of Various Metals and Solid Amalgams (Investigation of Metal Reducing Agents in Analytic Analytical Chemistry), by Chozo Yoshimura, 9 pp.

Full translation.

JAPANESE, no per, Nihon Kagaku ZASSHI,  
Vol LXXIV, No 2, prob Tokyo, Feb 1953,  
pp 118-120.

CIA/FDD/U-5770

PE - Japan

Sci - Chemistry, uranium determination

18,989

TT-65-13737

Field 7B, 7C

Goto, H.; Suzuki, S.  
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